

ADMISSION NR: AP4030669

drawn pipes. After recrystallization, the strength of rolled pipes is higher than the strength of drawn pipes and therefore they can be heated to 100 degree higher temperatures. Heat treatment of rolled nonrusting pipes (at 1100-1150C) is higher by 300-400C than the recrystallization level during work and assures full removal of work hardening. Heat treatment of drawn nonrusting pipes (1000-1050C) coincides with recrystallization temperature (950-1050C). To assure full removal of work hardening from drawn pipes, careful observation of metal temperature is required. Orig. art. has: 4 figures, no formulas, no tables.

ASSOCIATION: URMITI

SUBMITTED: 00

ENCL: 00

SUB CODE: MM

NO REF SCV: 002

OTHER: 000

Card 2/2

L46252-66 EWT(m)/EWP(w)/T/EWP(t)/ETI IJP(c) JD

ACC NR: AP6010094

(N)

SOURCE CODE: UR/0129/66/000/003/0039/0044

AUTHORS: Dolinskaya, L. A.; Mal'tsev, V. F.; Beylinova, T. A.; Krivosheyeva, A. A.; Kosaya, A. I.; Vashchilo, T. P.

ORG: Ukrainian Scientific Research Institute for Pipes (Ukrainskiy nauchno-issledovatel'skiy trubnyy institut)

TITLE: Embrittlement during tempering of chromium-molybdenum-vanadium steels

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 3, 1966, 39-44, and insert facing p. 49

TOPIC TAGS: TEMPERING, MOLYBDENUM STEEL, alloy steel, chromium steel, vanadium steel, pearlitic steel, austenite steel / 12Kh1MF steel, 15Kh1MF steel

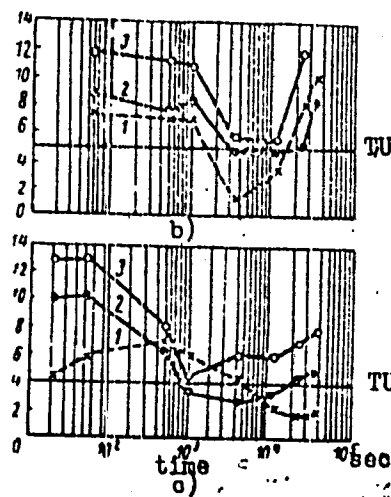
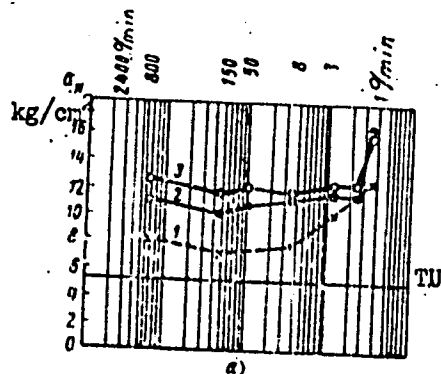
ABSTRACT: The influence of the temperature of austenization, of the cooling rate after austenization, and of tempering temperature on the structure of several specimens of 12Kh1MF and 15Kh1MF steels was studied. The work supplements the results of L. A. Dolinskaya (Stal', 1963, No. 3). The chemical composition (percent carbides), microstructure, and coercive strength of the tempered specimens were determined. The experimental results are presented in graphs and tables (see Fig. 1). It was found that both steels, 12Kh1MF and 15Kh1MF, tend to embrittlement as a result of tempering at 500-700°C. It is concluded that the chief cause for the embrittlement in pearlitic steels during tempering is the formation of carbides resulting from the dissociation of intermediate structures.

Card 1/2

UDC: 620.178.154.2:669.14.018.46

ACC NR: AP6010094

Fig. 1. Change in the impact viscosity as a function of the cooling rate: a - steel 12Kh1MF, 950C; b - 12Kh1MF, 1050C; c - 15Kh1MF, 1000-1070C; 1 - without tempering; 2 - after tempering at 700C; 3 - after tempering at 750C.



Orig. art. has: 2 tables and 6 graphs.
SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 003
Card 2/2 h5

ACCESSION NR: AP4042955

S/0102/64/000/004/0037/0048

AUTHOR: Doly*ns'ka, N. O. (Dolinskaya, N. A.) (Kiev); Maralin, V. G. (Kiev);
Sobornikov, Yu. P. (Kiev); Yany*k, A. F. (Yanik, A. F.) (Kiev)

TITLE: High-frequency pumping systems in parametron digital computers

SOURCE: Avtomaty*ka, no. 4, 1964, 37-48

TOPIC TAGS: digital computer, parametron, parametron digital computer,
industrial digital computer

ABSTRACT: A 3-cycle pumping system is considered which permits synthesizing industrial digital computers with parametrons operating at an excitation frequency 4-30 Mc, with 20-30 oscillations per packet (clock frequencies, 100-500 kc). Hard-closed self-synchronizing and ring 3-phase relaxation-oscillator schemes for 3-cycle semiconductor submodulators are described, as well as mixed and purely semiconductor h-f supply schemes which have a pulse-amplitude pumping

Cord 1/2

ACCESSION NR: AP4042955

modulation in the power-amplifier output stage. Schemes of (a) directional switching of C-parameters by pulse-biasing the operating point and (b) transistor switching of the pumping voltage are discussed. Orig. art. has: 8 figures, 8 formulas, and 2 tables.

ASSOCIATION: none

SUBMITTED: 12Feb63

ENCL: 00

SUB CODE: *DP*

NO REF SOV: 003

OTHER: 002

Card 2/2

DOLINSKAYA, N.A.; REPNIN, V.N.; SOBORNIKOV, Yu.P.

Device for comparing parameters with multirange settings.
Avt. 1 prib. no. 4:56-59 O-D '64 (MIRA 18:2)

CHEBUKOV, M.F., prof.; DOLINSKAYA, N.G., inzh.

Clinker formation in highly siliceous furnace charges. TSement
30 no.4:11-13 J1-Ag '64. (MIFA 17:11)

1. Ural'skiy politekhnicheskiy institut.

L 22110-65 NPT(n)-2/EWT(c)/ENP(1) Pg-1/Pk-1/Pl-1/Po-1/Pq-1/Pr-1/Pae-2 SSD/ASPA-5
AEDC(a)/AFMDC/AFETR/AFTC(F)/RAEMA/RAEMD/ESDD(p) LFP(c) WW/HH/BC
ACCESSION NR: AP5001746 S/0302/64/000/004/0056/0059

AUTHOR: Dolinskaya, N. A.; Repnin, V. N.; Sobornikov, Yu. P.

TITLE: Device for comparing parameters with several set points

SOURCE: Avtomatika i priborostroyeniye, no. 4, 1964, 56-59

TOPIC TAGS: automatic control, automatic control design, automatic control system, automatic control theory

ABSTRACT: In digital systems of automatic industrial-process control, the current value of a process parameter is automatically compared with one or more set points. As existing synchronous comparison devices are too complicated, a new asynchronous device has been developed in which the code of each set point coincides, in the storage unit, with its numerical value. An additional indicant is introduced to identify the next-in-line set point of the same parameter. A functional diagram of the new device is briefly described. A 256-point laboratory

Cord 1/2

L 22140-65

ACCESSION NR: AP5001746

hookup is reported to have been tested. Orig. art. has: 1 figure.

ASSOCIATION: Institut avtomatiki Goskomiteta po priborostroyeniyu Gosplana
SSSR (Institute of Automation, State Committee on Measuring Instruments,
Gosplan SSSR)

SUBMITTED: 00

ENCL: 00

SUB CODE: IE

NO REF SOV: 000

OTHER: 000

Cord 2/2

P'YACHEV. V.A.; DOLINSKAYA, N.G.

Optimum characteristics of siliceous cements obtained by burning
them on a clinkering grate. Trudy Ural. politekh. inst. no.118:
84-31 '62. (MIRA 16:6)

(Cement clinkers)

CHEBOKOV, M.F.; DOLINSKAYA, N.G.; TUNGUSKOVA, E.A.

Study of the chemical stability of mortars and concretes
made with siliceous cements. Trudy Ural. politekh. inst.
no.118:44-51 '62. (MIRA 16:6)

(Mortar--Testing)
(Concrete--Testing)

DOLINSKAYA, R.A.

New books. Inzh.-fiz. zhur. 5 no.7:137-141 J1 '62. (MIRA 15:7)
(Mathematics--Bibliography) (Physics--Bibliography)

DOLINSKAYA, R. A.

New books. Inzh.-fiz. zhurn. 6 no.1:131-138 Ja '63.
(MIRA 16:1)

(Physics--Bibliography)
(Mathematics--Bibliography)

DOLINSKAYA, R.A.

New literature. Insh.-fiz.sbur. 6 no.3:133-139 Mr '63.
(Bibliography---Physics) (MIRA 16:4)

DOLINSKAYA, R.A.

Bibliography on heat and mass transfer. Inzh.-fiz. zhur. 6
no.5:134-139 My '63. (MIRA 16:5)

(Bibliography--Physics)

DOLINSKAYA, R.A.

Bibliography on heat and mass transfer. Inzh.-fiz. zhur. 6 no.7:
133-139 J1 '63. (MIRA 16:9)
(Bibliography—Heat) (Bibliography—Mass transfer)

DOLINSKAYA, R.A.

Bibliography on heat and mass transfer. Inzh.-fiz. zhur.
6 no.9:127-137 S '63. (MIRA 16:8)

DOLINSKAYA, R.A.

Bibliography on heat and mass transfer. Inzh.-fiz. zhur. no.12:
127-134 D '63.
(MIRA 17:2)

DOLINSKAYA, R.A.

Bibliography on heat and mass transfer. Inzh. fiz. zhurn. no. 7:
130-139 J1 '64.
(MIRA 17:10)

DOLINSKAYA, R.A.

Bibliography. Inzh.-fiz. zhur. 7 no.1:133-140 Ja '64. (MIRA 17:2)

DOLINSKAYA, R.A.

Bibliography. Inzh.-fiz zhur. 7 no.2:131-140 F '64. (MIRA 17:2)

DOLINSKAYA, R.A.

Bibliography on heat and mass transfer. Inzh.-fiz. zhur. 7 no.5:
128-139 My '64. (MIRA 17:6)

DOLINSKAYA, R.A.

Bibliography on heat and mass transfer. Inzh.-fiz. zhur. 7 no.9:127-139
S '64. (MIRA 17:12)

DOLINSKAYA, R.A.

Bibliography on heat and mass transfer. Inzh.-fiz. zhur. no.11:
124-136 N '64. (MIRA 18:2)

МУХОМАН, Т. В.

Dept. Disinfection, Central Sci. Research Inst. for
Disinfection, People's Commissariat for Public Health,
MOSCOW, (-1944-).

"The fir-oil as an insecticide,"

Dokl. Akad. Nauk SSSR, Ser. Biol., No. 3, 1944.

DOLINSKAYA, T. Yu.

VASHKOV, V. I., FOGODINA, L. N., DOLINSKAYA, T. Yu. "The insecticidal properties of aerosols of hexachloro cyclohexane (666) and dichloro-diphenyl trichloro ethane (DDT) in relation to clothing lice, bedbugs, red cockroaches, clothes moths, and food pests", Trudy Tsentr. nauch. -issled. dezinfekts. in-ta, Issue 5, 1949, p. 171-81.

EO: U-1631, 16 Sept. 53, (Ietopis 'Zhurnal 'nykt Statey, No. 24, 1949).

AUTHORS: Yerokhin, N.A. and Dolinskaya, V.M., Candidates of Technical Sciences SOV-99-58-9-1/9

TITLE: Standard Specifications for the Planning of Water Supply Lines on Livestockbreeding Farms (O normakh vodopotrebleniya dlya proyektirovaniya vodoprovodov v zhivotnovodcheskikh khczyaystvakh)

PERIODICAL: Gidrotekhnika i melioratsiya, 1958, Nr 9, pp 3 - 10 (USSR)

ABSTRACT: Research conducted since 1955 by the Ukrainskiy nauchno-issledovatel'skiy institut gidrotekhniki i melioratsii (Ukrainian Scientific Research Institute of Hydraulic Engineering and Melioration), aims at fixing new norms for water consumption at livestockbreeding farms of the Ukraine, so future water supply lines can be constructed, as near as possible, to the needs of these farms. In the past, these needs were very often overestimated, and the water supply lines were constructed on a larger scale than necessary, which resulted in useless capital investments. As a result of experiments made, the authors established diagrams and

Card 1/2

SOV-99-58-9-1/9
Standard Specifications for the Planning of Water Supply Lines on Live-stockbreeding Farms

tables, the application of which will cut down the water consumption in some of Ukrainian farms from 60 cubic m in 24 hours to 43 cubic m. The reduction of planned water supply lines will result in a reduction of capital expenditures by 12%. There is 1 photo, 6 graphs and 5 tables.

1. Agriculture--Water supply
2. Agriculture--Specifications
3. Water--Economic aspects
4. Animals--Reproduction

Card 2/2

DOLINSKAYA, V.M. [Dolyns'ka, V.M.], nauchnyy sotrudnik

Using hydraulic rams. Mekh. sil'. hosp. 12 no. 6:30 Je '61.

(MIRA 14:5)

1. Ukrainskiy nauchno-issledovatel'skiy institut gidrotekhniki i melioratsii.

(Hydraulic rams)

BUNIN, K.P.; DOLINSKAYA, V.Z. [Dolins'ka, V.A.], FEDOROVA, S.A.

Effect of vanadium on the kinetics of eutectoid transformation of austenite in grey cast irons. Dop. AN UkrSR no. 54(07-60) '63. (MIRA 17:9)

1. Institut chernoy metallurgii AN UkrSSR. 2. Chlen-korrespondent AN UkrSSR (for Bunin).

DECLASSIFIED
SEVERIN, Z., DOLINSKI, D., WIEKLIKOWA, H., WOZNIACKA, D.

Poland

The determination of Cu, Zn, Fe, Al, Mn and Si in magnesium alloys MA2 and ML5.

SO: Foundry Journal, Poland, #5, May 1955, Unclassified.

CZYZEWSKI, Kazimierz; DOLINSKI, Jan; ROSOWSKA, Bogna; ROSOWSKI, Franciszek.

Effect of transfusions into the portal system of blood rich
and poor in oxygen in hemorrhagic shock in dogs. Postępy hig.
med. dosw. 17 no.6:757-763 N-D'63

1. Z I Kliniki Chirurgicznej AM we Wrocławiu (kierownik: prof.
dr. K. Czyzewski).

*

DOLINSKI, Jan

Bromosulfophthalein test in gastric and duodenal ulcer and in
cholelithiasis.. Pol. tyg. lek. 19 no.25:950-952 15 Je'64

1. Z I Kliniki Chirurgicznej AM we Wrocławiu; kierownik: prof.
dr. Kazimierz Gązowski.

CZYZEWSKI, Kazimierz; DOLINSKI, Jan

Duodenal bromsulphalein test in jaundice. Pol. przegl. chir.
35 no.7/8:726-728 '63.

1. Z I Kliniki Chirurgicznej AM we Wrocławiu Kierownik: prof.
dr K. Czyzewski.

(SULFOBROMOPHTHALEIN)
(JAUNDICE, OBSTRUCTIVE)
(LIVER CIRRHOSIS)
(LIVER FUNCTION TESTS)

POLESKI, Jan; SZCZEPAN, Zygmunt; ZAGROBOWY, Stanislaw

Result of the bromsulphophthalein test following surgery of the epigastrium in patients with normal and disturbed liver function using ether and halothane anesthesia. Pol. tóg. lek. 20 no.8:266-268 22 F'65.

1. Z 1. Kliniki Chirurgicznej Akademii Medycznej we Wrocławiu (kierownik: prof. dr. med. Kazimierz Czyżewski).

An attempt to standardize the determination of the volatile matter content of solid fuel. 1. Introduction In a previous paper (1) it was stated that a sample of a standardized polymerized coal placed in a quartz crucible is heated for 7 min. in a standardized thermobath. After cooling 30 min. in a desiccator the sample is weighed. The results obtained on different coals (44 different) were more concordant than those obtained with Stick's method.

21

ca

The separation of coal into fractions of different ash contents. Jankow D. (1933).—Pulverized coal is separated into fractions of different ash contents by means of a KCNS soln. of known sp. gr. (1.200). The app. consists of a glass tube 1.4 m. in length and 45 mm. in diam. The lower end is closed by a stopper with an inserted glass stopcock. The pulverized coal is shaken in the tube with the soln. and left for 24 hrs. The coal particles settle according to their sp. gr. and their ash content.

ASTM-51.6 METALLURGICAL LITERATURE CLASSIFICATION

SUBJECTS WITH ONE OR MORE										SUBJECTS WITH TWO OR MORE										SUBJECTS WITH THREE OR MORE										SUBJECTS WITH FOUR OR MORE										SUBJECTS WITH FIVE OR MORE									
SUBJECTS WITH ONE OR MORE										SUBJECTS WITH TWO OR MORE										SUBJECTS WITH THREE OR MORE										SUBJECTS WITH FOUR OR MORE										SUBJECTS WITH FIVE OR MORE									

USE OF GRAPHICAL METHODS IN GAS-PLANT LABORATORY
JOURNAL Industriell. Plana und 14. 207 (1931), Chem
Abstr. 10, Abstract Sect. 72

PROCESSING AND POWER PLANTS

AND S.L.G. METALLURGICAL LITERATURE CLASSIFICATION

[illegible]

2347. PRECISE FRACTIONATION OF CRUDE BENZENE. Dolinski, J. and Boguska, A. (Gas Roda Tech. Sanit., 1948, vol. 22, (2), 35-39; abstr. in Chem. Abstr., 1949, vol. 43, 3697). A laboratory fractionating apparatus and procedure are described. The fractions of benzene, toluene, and xylene obtained from a commercial product were in close agreement with those distilled from a prepared mixture of the 3 ingredients. A drawing of the apparatus is included.

C.A.

CA

Cleaning material "Bavit." Jaroslav Holidaki. *Gis. Vele i Tach. Sanil.* 12, 281-2(1948).—The effectiveness of this material in gas purification is discussed. Its chemical composition: loss on ignition 12.8, SiO_2 11.2, Fe_2O_3 38.4, Al_2O_3 18.0, CaO 70.0, Na_2O 3.0, and others 9.3%. In spite of a relatively small Fe content, the material is very efficient even when the S accumulation in it has become quite high.
T. R. Zegre

P.T. A.

Chemistry & Chemical Engineering
7

246

1962.174

Doliński J., Dr. Eng. Recommendations as to the Simplest Control of Gas Works Operation.

„Wskazówki dotyczące najprostszego kontroli ruchu gazu”. Gaz. Woda i Technika Sanitarna. No 7—8, 1948, pp. 246—250, 4 figs.

Description of the simplest methods of chemical control of gas works operation, with allowance for conditions obtaining in Poland. The Polish method of determining the content of volatile matter in coal.

PTA

6

1187

612.70 : 620.11

Dołinski J. Notes on the Methods of Sampling Gas for Purposes of Analysis.

Uwagi o sposobach pobierania prób gazu do analizy. Gaz, Woda i Technika Sanitarna. No 7-8 1953, pp. 225. 3 figs

Recommendations as to liquids forming a gas seal in containers and to a more general use being made of dry containers for gas samples. Design of containers and means of using them. Gas inspiration in cases where the gas pressure in the mains is sufficiently high and in cases of reduced pressure. Description of apparatus.

PONTIER, J.

"Contribution to the determination of heavy hydrocarbons and the heating value of gas mixtures."

Gaz, Wodna I Technika Sanitarna, Warsaw, Vol 28, No 5, May 1954, p. 136

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

DOLINSKI, J.

Reactions of sulfite contained in fuel in processes of carbonization at low and high temperatures. p. 248.

GAZ, WODA I TECHNIKA SAMIOTWORA, Warszawa, Vol. 29, no. 7, July 1955.

SO: Monthly List of East European Accessions, (SEAL), LC, Vol. 4, no. 10, Oct. 1955, Uncl.

COUNTRY : Poland
CATEGORY : H-22
ABS. JOUR. : RZKham., No. 24 1959, No. 72612
AUTHOR : Dolinski, J.
INST. :
TITLE : Graphic Method of Evaluation of Properties
of Fuel Gas
ORIG. PUB. : Koks, Smola, Gaz, 1958, 3, No 5, 165-168
ABSTRACT : A graphic method of determination of the
heat of combustion and relative weight of fuel gases at
Polish gas plants.

CARD:

COUNTRY	: Poland	R-22
CATEGORY	:	
ASS. JOUR.	: REXhim., No. 16 1959, No.	58455
AUTHOR	: Golinski, G. and Jaworski, J.	
INST.	: Not given	
TITLE	: The Determination of the Dust Content of Coal Gases and Dust Removal Methods	
ORIG. PUB.	: Gaz, Woda i Techn Sanit, 32, No 9, 332-335 (1958)	
ABSTRACT	: A description of the Zeiss konometer and of a paper filter apparatus assembled by the authors for the purpose of measuring the number and size of dust particles contained in purified gas (G) is given together with a description of apparatus for the purification of the G by acoustical methods and of an electrostatic precipitator developed at the Polish Coal Institute. The authors indicate that after purification by the above-indicated methods the residual dust content of the G investigated is about 0.018 gm per 1 cm ³ . Ya. Satunovskiy	

CYZEWSKI, K.; PRZESTALSKI, S.; SKORA, K.; DOLINSKI, J.

Experimental observations on the concentration of phosphorus P^{32}
at the site of fracture of the long bones. Chir.narz.ruchu 24
no.4:273-276 '59.

1. Z I Kliniki Chirurgicznej A.M. we Wrocławiu Kierownik: prof.
dr K.Cyzewski i z Katedry Fizyki Wyższej Szkoły Rolniczej we
Wrocławiu Kierownik: Z-ca prof. mgr S.Przestalski.
(PHOSPHORUS metab)
(FRACTURES exper)

GZYZEWSKI, K.; PRZESTALSKI, S.; SKORA, K.; DOLINSKI, J.

Effect of fresh and burned bone meal on the process of P32 concentration on the site of bone fracture. Chir.narz.ruchu 25 no.4: 317-320 '60.

1. Z I Kliniki Chirurgicznej A.M. we Wroclawiu Kierownik: prof. dr. K.Czyzewski oraz z Katedry Fizyki W.S.R. we Wroclawiu Kierownik: z-prof. S.Przestalski.
(FRACTURES exper)
(BONE AND BONES)
(PHOSPHORUS metab)

CZYŻEWSKI, K., prof. dr.; CHRZANOWSKA, M.; DOLINSKI, J.; GIERMANSKI, A.

Angiography of the portal circulation in hypertensive children.
Cesk. radiol. 19 no.2:95-97 Nr 165.

1. I. chirurgicka klinika Lekarske akademie Wroclaw, Polsko
(prednosta: prof. dr. Czyzewski).

DOLINSKI, Jaroslaw, prof. dr. inz.

Scientific research transforms gas engineering. Gaz woda tech
sanit 36 no.5:164-165 Mj '62.

DOLINSKI, P.

"Precision in assembling the cylinder bush of the diesel engine."

p. 29 (Tezhka Promishlenost) Vol. 6, no. 9, Sept, 1957. Sofia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 5, May 1958

DOLINSKI, Wladyslaw, mgr inz.

Control of the speed of lowering the weight in hydraulic
lifting mechanisms. Przegl mech 23 no. 1: 17-20 10 Ja '64.

1. Glowny knonstruktor, Fabryka Urzadzen Budowlanych,
Szczecin.

KREMNEV, Oleg Aleksandrovich, doktor tekhn. nauk; BOROVSKIY, Vladimir Rudol'fovich, kand. tekhn. nauk; DOLINSKIY, Anatoliy Andreyevich, kand. tekhn. nauk. Frinimali uchastiye: PIYEVSKIY, I.M.; DUKHNENKO, N.T.; SHELIMANOV, V.A.; CHERNOBYL'SKIY, I.I., doktor tekhn.nauk, retsenzent; GAVRILOV, V.N., red.izd-va; ROZUM, T.I., tekhn. red.

[High-speed drying] Skorostnaia sushka. Kiev. Gostekhzdat USSR, 1963. 381 p. (MIRA 17:2)

DOLINSKIY, P.A., inzh.

Calculating allowable piston disalignment in the cylinder of a
trunk internal-combustion engine in assembling. Vest.mash. 41
no.1:33-40 Ja '61. (MIRA 14:3)
(Pistons) (Gas and oil engines)

DOLINSKI, Stanislaw

Functional or organic atrioventricular block? Wiad. lek. 18
no.19:1539-1541 10 '65.

1. Z Oddziału Chorob Wewnętrznych Szpitala Wojskowego w
Szczecinie.

DOLINSKI, T.

A solemn celebration of the ten-year existence of the Institute of Hydrology and Meteorology. p. 4.

GAZETA OBSERWATORIA, Warszawa, Vol. 8, no. 3, Mar. 1955.

SO: Monthly List of East European Accessions, (BMAL), LC, Vol. 4, no. 10, Oct. 1955, Uncl.

~~DOLINSKI, Z.~~
KAMENSKI, W., PUCHALKA, K., AND DOLINSKI, Z.

"Using an Antimony Microelectrode for the Potentiometric Chromatography of Gasoline-Alcohol-Water Solutions,"
Byull. Pol'sk Akad. Nauk, Otd. 3, Vol 1, No 7, pp 297-303, 1953

The antimony electrode can be successfully used for the potentiometric titration of dilute solutions of low acidity of the following non-electrolytes: methyl, n-propyl, n-butyl, and ethyl alcohols and in a mixture of 48% ethyl alcohol, 50% gasoline, and 2% water. When using this mixture, the jump in potential at the equivalence point is especially great. (RZhKhim, No 20, 1954)

So: Sum, No 606, 5 Aug 55

DOLINSKI, Z.; SIWERYN, Z.

Polarographic analysis as applied to NO-zinc and some casting alloys of aluminum, zinc, and copper, p. 101. (KRAKOW, Warszawa, Vol. 3, no. 3, 1953.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, Jun. 1955, Uncl.

DOLINSKI, Z.; BUCIEWICZ, J.

"A Quick Method of Analyzing Aluminum Alloys." (To be contd.) Biuletyn p.19
(PRZEGLAD ODLEWNICTWA Vol. 3, no. 9, Sept. 1953 Krakow, Poland)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

DOLINSKI, Z.

Analysis of certain magnesium and copper casting alloys by instrumental methods.
p. 66.

KINOTECHNIK, vol. 5, no. 2, 1955 (published 1956), Poland.

SO: East European Accessions List, Lib. of Cong., Vol. 5, No. 10, Oct. 1956.

11189²⁷ Polish } Analysis of Some Magnesium and Copper
Casting Alloys With the Aid of Instrumental Methods. *Analiza*
elektrochemiczna stopów magnezu i miedzi meto-
dami instrumentalnymi, *Zeszyt Sejmiku i Wyższej Dyktacji*
Prace Instytutu Chemii, v. 5, no. 2/55, 1955, p. 61-75.
Polarographic method of determining Zn and Cu in Mg alloys.
Potentiometric titration method for Zn and Al in Mg alloys,
and for Zn, Pb, and Mn in Cu alloys.

fra 0076

Matr: 482c

15
~~as adsorbing agent in potentiometric chromatog-~~
~~raphy. Zygmunt Dollidek, and Krystyna Kucharska (Inst.~~
~~Lodz, Poland). *Chem. Nauk. Univ. Jagiel. Ser. Nauk*~~
~~*Mat.-Przyrod., Mat. Fiz., Chem.* No. 3, 147-55 (1957) (Eng-~~
~~lish summary).--CaSO₄ was prepd. by a modified Brock-~~
~~mann procedure (C.I. 44, 9772b). Add at room temp. the~~
~~stoichiometric amt. of concd. H₂SO₄ to 80% CaCl₂, dilg.~~
~~with water portionwise up to 8 vols., filter after 24 hrs.,~~
~~wash CaSO₄ with water until no Cl⁻ ions are detected, and~~
~~dry at either (a) 100° for 25 hrs., (b) 170° for 85 hrs., or~~
~~(c) 170° for 40 hrs. Solns. (0.001 and 0.1M) in ligroline of~~
~~valeric, palmitic, and stearic acids with 3 picolines and 2,6-~~
~~lutidine were chromatographed with ligroline in a CaSO₄~~
~~column, the eluate being examd. by an adsorption Sb micro-~~
~~electrode (cf. Kamieski and Kulawik, C.A. 51, 2419a).~~
~~The presence of bases was reflected by rather large poten-~~
~~tial changes (several hundreds of mv.) while acids could be~~
~~detected only in a few cases. Neutral CaSO₄ prepd. after~~
~~Kahlmann made possible detection of acids, but small po-~~
~~tential changes corresponded to presence of bases. CaSO₄~~
~~dryd by method b or c is better than that by a. J. Steckl--~~

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Distr: 1E2a(j)

15 ~~Pyridine~~ separation of some pyridine bases on
~~pyridine~~ adsorption columns. Zygmunt Koliński and
 Krystyna Puchalka (Univ. Kraków, ~~Poland~~ ^{Poland} Instytut
 Nauk. Umie. Jagiel., Ser. Nauk Mat.-Przyrod., Mat., Fiz.,
 Chem. No. 3, 157-73(1957)(English summary).—Binary
 mixts. of 3-picoline (I), 4-picoline (II), and 2,6-lutidine (III)
 were chromatographed on Brockmann acidic CaSO_4 (C.A.
 44, 9772b). Ligroline (b. 60-100°) was used as solvent and
 eluant, and the eluate was examd. by Sb adsorption micro-
 electrode (cf. Kamiński and Kulawik, C.A. 51, 2418a).
 I and II were repd. in a column 15-20 cm. high, 0.7 cm. in
 diam., at $1 \times 10^{-4} M$ concn.; I and III were sepd. in an 11-
 cm. column, at 0.01 M concn.; sepn. of II and III was dif-
 ficult.

7

5
29 May
1

C.C.
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Jeff

J. Stockl

DOLINSKIY, A.

Design of flexible footing grillage according to strength. Mor.
flot 20 no.10:35-38 0 '60. (MIRA 13:10)

1. Starshiy inzhener otдела portovykh sooruzheniy i morskikh putey
TSentral'nogo nauchno-issledovatel'skogo instituta morskogo flota.
(Hydraulic structures)

DOLENSKIY, A., kand. tekhn. nauk; PASTUKHOV, Yu., aspirant

Laboratory investigation of the ultimate strength and the critical load on a pile. Mor. flot 23 no.7:32-34 JI '63.

(MIRA 16:8)

1. Nachal'nik laboratorii issledovaniya konstruktsiy portovykh gidrotekhnicheskikh soorusheniy Leningradskogo instituta po proyektirovaniyu morskikh portov i sudoremontnykh predpriyatiy (for Dolinsky).

KREMNEV, O.A., BOEROVSKIY, B.R., DOLINSKIY, A.A., ZHELOBENKO, V.A.

Spray method for drying streptomycin. Med.prom. 12 no.10:27-33
O '58 (MIRA 11:11)

1. Institut teploenergetiki AN USSR i Kiyevskiy zavod meditsinskikh
preparatov.
(STREPTOMYCIN--DRYING)

KREMNIV, O.K.; BOROVSKIY, V.R.; DOLINSKIY, A.A.

Two-stage air evaporating-drying method of streptomycin dehydration. *Med.prom.* 14 no.1:35-40 Ja '60. (MIRA 13:5)

1. Institut energotekhniki AN USSR i Kiyevskiy zavod meditsinskikh preparatov.

(STREPTOMYCIN--DRYING)

DOLINSKIY, A.A.

Calculating rigid foundation grillages for strength. Trudy
TSNIIMF no.19:38-47 '58. (MIRA 13:1)
(Hydraulic engineering) (Strains and stresses)

DOLINSKIY, A.A. , inzh.; SEMINOV, P.P., inzh.; SHERYAKOV, V.F., inzh.

New techniques for manufacturing prestressed reinforced concrete sheet piles. Transp.stroi. 9 no.2:19-21 F '59.

(MIRA 12:5)

(Concrete piling) (Prestressed concrete construction)

DOLINSKIY, A.A., inzh.

Using prestressed sheet-piles in constructing bulwarks.
Trans.stroi. 9 no.12:19-22 D '59. (MIRA 13:5)
(Leningrad--Retaining walls)
(Piling (Civil engineering))

DOLINSKIY, A. A., KREMNEV, O. A., and BOROVSKIY, V. P.

"Spray Transpiration Drying Method of Dehydration of Materials
with High Moisture Content and the Results."

Report submitted for the Conference on Heat and Mass Transfer,
Minsk, BSSR, June 1961.

DOLINSKIY, A. A., CAND TECH SCI, "^{Calculation}~~COMPUTATION~~ OF PILE
DESIGNS IN ACCORDANCE WITH ^{calculated}~~DESIGNED~~ LIMITING STATES."
LENINGRAD, 1961. (LENINGRAD INST OF WATER TRANSPORT).
(KL, 3-61, 215).

KUROCHKIN, S.N., kand. tekhn. nauk; DOLINSKIY, A.A.

Wharf structures on cylindrical supports calculated for strength and deformation under the effect of horizontal stresses. Trudy TSNIIMF
7 no. 32:3-16 '61. (MIRA 14:5)

(Wharves) (Strains and stresses)

DOLINSKIY, A.A.

Determination of the bearing capacity of piles. Trudy TSHIIMF 7
no. 32:26-33 '61. (MIRA 14:5)
(Piling (Civil engineering))

DOLINSKIY, A. A., and KREMNEV, O. A. (Institute of technical thermal physics of Academy of Sciences of Ukrainian SSR)

"Investigations of warm-mass transfer during atomization of solutions."

Report presented at the Section on Heat and Mass Transfer, Scientific Session, Council of Acad. Sci. Ukr SSR on High Temperature Physics, Kiev, 2-4 Apr 1963.

Reported in Teplofizika Vysokikh temperatur, No. 2, Sep-Oct 1963, p. 321, JPRS 24,651. 19 May 1964.

POLINCHUK, A.A.

Kinetics of high-temperature drying of a precipitate of a colloidal solution. Inzh.-fiz. zhurn. no. 7:33-36 Ji '64. (MIRA 17:10)

1. Institut teploenergetiki AN UkrSSR, Kiev.

DOLINSKIY, A.A., kand. tekhn. nauk; KUROCHKIN, S.N., kand. tekhn. nauk;
SAAR, F.V., inzh.

Study of a bulwark of prestressed shells. Transp. stroi. 15
no.3:46-48 Mr '65. (MIRA 18:11)

KUZNETSOV, S.T.; DOLINSKIY, A.M.; GEUSHIKHIN, F.P.

Results of the testing of the A-3 mining machine unit in the
Kuznetsk Basin. Ugol' 36 no.6:30-33 Je '61. (MIRA 14:7)
(Kuznetsk Basin--Coal mining machinery)

L 58391-65 ENT(1)/EPF(c)/EPF(n)-2/ETG(n)/EPR P1-4/P5-4/P13-4
 ACCESSION NR: AP5018283
 0314/65/000/007/0029/0031
 536.24

39
 6

AUTHOR: Dolinskiy, A. A. (Candidate of technical sciences); Chavdarov, A. S.
 (Engineer); Prihodchenko, G. P. (Engineer)

TITLE: Some special features of heat transfer² in an atomizing jet

SOURCE: Khimicheskoye i neftyanoye mashinostroyeniye, no. 7, 1965, 29-31

TOPIC TAGS: heat transfer, atomizing jet, fuel droplet, heat exchanger

ABSTRACT: Special features of heat transfer in an atomized fuel jet are studied by analyzing the motion of fuel droplets injected at a given angle into a parallel turbulent stream of air. K. N. Yerastov's method (Investigation of the evaporation of fuel jet droplets at high temperatures, v. 2. Moscow, Izd-vo AN SSSR, 1960) is used. A formula is established which permits determination of the volumetric heat transfer coefficient for liquid droplets moving in a counter current gas flow. High experimental values of the heat transfer coefficient obtained in the heat exchanger demonstrate the possibility of increasing the mass transfer coefficient in the mixer and of its application to fast reactions between the

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L 58381-65

ACCESSION NR: AP5018283

gases, vapors, and liquid droplets. It may also be used as an absorber in cases when sorption is controlled by the velocity of gas supply to the surface of the liquid. Orig. art. has: 3 figures, 1 table, and 11 formulas. [AC]

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: FP, ME

NO REF SOV: 004

OTHER: 000

STD PRESS: 4046

AR.
Card 2/2

L 53864-65 EWT(m)/EPF(s)/EPA(v)-2/T Feb-10/Pr-4 WH/WW

ACCESSION NR: AP5017242

UR/0170/64/000/007/0033/0036

AUTHOR: Dolinskii, A. A.

TITLE: Features of the high-temperature drying kinetics of a droplet of a colloidal solution

SOURCE: Inzhenerno-fizicheskiy zhurnal, no. 7, 1964, 33-38

TOPIC TAGS: colloid chemistry, high temperature phenomena, chemical drying, chemical kinetics

ABSTRACT: A study of the kinetics of high-temperature dehydration of a drop of a colloidal solution is described. High-speed photographs and temperature diagrams are given. The temperature range studied was from 100-300°C. It is shown that the drying of droplets of a colloidal solution can be divided into the following phases: a heating phase, a phase of constant drying at wet bulb temperatures, a phase of crust formation, a phase of constant drying at boiling temperature, and a phase of decreasing drying rate at increasing temperatures. The critical moisture content of the material was found to occur when the crust forms of the droplet. Orig. art. has: 1 figure, 3 graphs.

Card 1/2

L 53864-65

ACCESSION NR: AP5017242

ASSOCIATION: Institut: teploenergetiki AN UkrSSR, Kiev (Institute of Thermal Power Engineering)

SUBMITTED: 29Apr63

ENCL: 00

SUB CODE: GC, TD

NR REF SOV: 003

OTHER: 000

JPRS

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Card 2/2

L 26477-66 EWT(1)/EWT(m)/T IJP(o) WI/DS/RO/JK/GS

ACC NR: AT6008145

UR/0000/65/000/000/0051/0055

AUTHOR: Dolinskiy, A.A.; Mishnayevskiy, L.M.

27
26
B+1

ORG: None

TITLE: On the determination of dispersivity of liquid aerosols

SOURCE: AN UkrSSR. *Tekheniya zhidkostey i gazov* (Plows of liquids and gases). Kiev, Naukova dumka, 1965, 51-55

TOPIC TAGS: aerosol, streptomycin, adhesive, photomicrography/ BF-2 adhesive

ABSTRACT: This paper discusses a method for the measurement of dispersivity, or the determination of the distribution of droplet sizes in liquid aerosols and dusts. In this method, the droplets are caught into an immersion liquid medium, deposited at its bottom on a suitable substrate and are photographed and measured. Requirements for the immersion fluids and for the deposition surfaces are discussed. Materials for the immersion liquid and the deposition bottom surface were selected by tests conducted with the use of cells with glass walls. The arrangement permitted to study the vertical profile of the drops and their contact angles with the deposition surface by a horizontal axis microscope. As finally developed, the deposition surface consisted of adhesive BF-2 applied as a thin film to the surface of a glass plate. This substrate produced drop contact angles close to 180 degrees, for the water solution drops. The immer-

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L 26477-66

ACC NR: AT6008145

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sion liquid was Cylinder oil 24. The depth of its layer was 2 - 3 times the drop diameter. The method of investigation consisted of placing the prepared deposition surface coated with a 1 mm layer of the mineral oil into the catching cell equipped with a shutter; exposing the droplets to the experimental environment, photographing them and evaluating their enlarged microphotographs. In the determination of water solutions dispersivity, this methodology permitted determination of the average droplet diameter to a precision of 5%. Photographs of dispersed droplets of an aqueous solution of streptomycin⁶ are shown at a 400x magnification. Orig. art. has: 3 figures.

SUB CODE: 20,06,14/ SUBM DATE: 13Apr64/

ORIG REF: 004/

OTH REF: 001

Card 2/2

RB

DOLINSKIY, A.Ye., inzhener.

Interconnection of technical and technological documentation.
Sudostroenie 23 no.2:46-48 F '57. (MLRA 10:5)
(Shipbuilding--Contracts and specifications)

DOLINSKIY, E.D., inzhener.

Finishing horizontal joints of steam turbine cylinders;
experience of Leningrad metal works. Energomashinostroenie
no.7:26-27 J1 '56. (MLRA 9:10)

(Leningrad--Steam turbines--Cylinders)

DOLINSKIY, E.D., inzhener.

Steady output of steam turbines by Leningrad Metal Plant.

Energomashinostroenie no.9:20-22 S '56.

(MLRA 9:10)

(Leningrad--Steam turbines)

DOLINSKIY, E. D.,

"Steam Turbine Building," Technological Developments at the Leningrad Metal Works named
Stalin, Moscow, Mashgiz, 1957. p. 116.

DOLINSKIY, E.D., inzh.

PVK-200-1 steam turbine is ready! Energomashinostroenie 4
no.5:43,48 My '58. (MIRA 11:9)
(Steam turbines)

DOLINSKIY, E.D., inzh.

The PVK-200-1 turbine and special features of its manufacturing. Energo-
mashinostroenie 4 no.8:37-42 Ag '58. (MIRA 11:11)
(Steam turbines)

DOLINSKI, E.D.

PLATE 1 BOOK EXHIBITION 809/6172

Ignat'evskiy reserve machinebuilding production; is a part of the
series (Collection of Reserves in the Machine Building Industry) Practices
of Leading Plants) (Leningrad) Leningrad, 1977. 220 p. 3,000 copies printed.
Author: M.I. Ignat'evskiy, Candidate of Technical Sciences; M.V. M.I. Chernov.
Tech. M.I. Ignat'evskiy.

NOTE: This collection of articles is intended for workers and technical person-
nel of the machine-building industry.

OVERVIEW: The book examines principal trends in the utilization of unused
production capacity of machine building plants and enterprises to realize
these reserves. On the basis of examples drawn from the practice of the leading
plants of the USSR, the author shows how to utilize this unused capacity
by applying the following measures: improvement of the processability of
mechanisms; bringing the shape and size of blanks closer to the shape and
size of finished parts; replacement of mechanical machining with cold stamping;
use of new methods of cutting; use of a comprehensive mechanization and automation of the equip-
ment. The possibilities of utilizing unused capacity in the construction of heavy
machinery is dealt with separately. No personalities are mentioned. There are
no references. Pp.

Yuliyevskiy, E.D. and G.A. Chernov. Expanding Mechanical Machining with Cold

Stamping, 1977. Reduction of Cycle Time in Mechanical Machining 106

Ignat'evskiy, I.G. Practices of the Machinebuilding Industry for Developing 124

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And, I.G. Practices of the Machine Building (Heavy Plant) for Modernizing 195

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Ignat'evskiy, E.D. Unused Production Capacity in Heavy Machinery Constructions 215

AVAILABILITY: Library of Congress (D114225) 8

Doc. No. 12

PHASE I BOOK EXPLOITATION SOV/5460

Leningradskiy metallicheskiy zavod. Otdel tekhnicheskoy informatsii.

Nekotoryye voprosy tekhnologii proizvodstva turbin (Certain Problems in the Manufacture of Turbines) Moscow, Mashgiz, 1960. 398 p. (Series: Its: Trudy, vyp. 7) Errata slip inserted. 2,100 copies printed.

Sponsoring Agency: RSFSR. Sovet narodnogo khozyaystva Leningradskogo ekonomicheskogo administrativnogo rayona, Upravleniye tyazhelogo mashinostroyeniya, and Leningradskiy dvazhdy ordena Lenina metallicheskiy zavod. Otdel tekhnicheskoy informatsii.

Ed. (Title page): G. A. Drobilko; Editorial Board: Resp. Ed.: G. A. Drobilko, B. A. Glebov, A. M. Mayzel', and M. Kh. Mernik; Tech. Ed.: A. I. Kontorovich; Managing Ed. for Literature on Machine-Building Technology: Ye. P. Naumov, Engineer, Leningrad Department, Mashgiz.

PURPOSE: This collection of articles is intended for technical personnel in turbine plants, institutes, planning organizations, as well as for production innovators.

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Certain Problems (Cont.)

SOV/5460

COVERAGE: The experience of the LMZ (Leningradskiy metallicheskiy zavod - Leningrad Metalworking Plant) in the manufacture of modern large-capacity turbines is presented. Methods for the rationalization of basic manufacturing processes and for the mechanization and automation of manual operations are given. Descriptions of attachments and tools designed by LMZ for improving labor productivity and product quality are provided, and advanced inspection methods discussed. References accompany some articles. No personalities are mentioned. There are 26 references: 25 Soviet and 1 English.

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AND ASSEMBLY

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Card 2/12

5

Certain Problems (Cont.)

SOV/5460

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DOLINSKIY, E.P., inzh.

New R-50-130 turbine. Energomashinostroenie 7 no.11:33 N '61.
(MIRA 14:11)

(Steam turbines)

5415

ON THE SPIN AND PARITY OF THE ρ^0 -MESON. 1. 3.

Shapiro and E. J. Dolinsky (Moscow State Univ.) and A. P. Minkova (USSR Academy of Sciences, Moscow). Nuclear

Phys. 3, 60-4 (1957) March.

Energy distribution curves of ρ^0 -mesons produced in π^+ -decays have been obtained by assuming that the isotropic spin of the three π -meson system equals unity and the ratio of probabilities of π and π^0 decays is 4. Comparison of the theoretical results with experimental data referring to 492 π^+ -decay events shows that the most probable values for ρ^0 -meson spin and parity is the 0^- combination, (anti)

DOLINSKIY, E. I., SHAPIRO, I. S., and BLOKHINSEV, L. D., Moscow State U. USSR

"On the Interaction Between π -Mesons and Nucleons," Journal of Nuclear Physics, Amsterdam, No 4, pp 273-276, 1957.